BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Intermonal Application No PCT/EP2004/007988

A. CLASS IPC 7	IFICATION OF SUBJECT MATT C01F7/36 CC)1F7/02	CO1F7/44	B01J	21/04	
According t	o International Patent Classificat	ion (IPC) or to bot	h national classificat	ion and IPC		
B. FIELDS	SEARCHED					
Minimum di IPC 7	ocumentation searched (classific COIF	cation system tollo	owed by classification	n symbols)		
Documenta	lion searched other than mintmu	m documentation	to the extent that su	ch documents are	e included in the fields s	searched
	ata base consulted during the in	ternational searci	h (name of dala baso	eand, where pra	ciical, search terms use	d)
C. DOCUM	ENTS CONSIDERED TO BE RE	LEVANT				
Category *	Citation of document, with indic	cation, where app	propriate, of the relev	ani passages		Relevant to claim No.
X Y	NL 273 221 A (10 September 1 page 3, line 3 page 9, line 1	964 (1964 - page 5	-09-10) , line 24;	claims		1-3, 8-10,13 1-13
A	VII, VIII POUSKOULELI G: AS PRECERAMIC CERAMICS"	MATERIALS	II. OXIDE			1
	CERAMICS INTER SCIENCE PUBL, vol. 15, no. 5 pages 255-270, ISSN: 0272-884; page 255	BARKING, , January XP000103	ESSEX, GB, 1989 (1989			
			-/	'_ _		
X Furthe	er documents are listed in the co	ontinuation of box	С.	χ Patent far	nily members are listed	in annex.
'A' documer	egories of ciled documents : It defining the general state of the red to be of particular relevance	e an which is no		or priority dat cited to under	published after the Inte e and not in conflict with stand the principle or th	the application but
	cument but published on or afte	rthe internationa	ر. اد		articular relevance; the o	
which is citation	t which may throw doubts on pri- cited to establish the publication or other special reason (as spec	n date of another offled)		Involve an inv document of p cannot be con	rentive step when the do articular relevance; the o asidered to involve an in	ocument is taken alone claimed invention wentive step when the
other m P' documen	Il referring to an oral disclosure, eans I published prior to the Internatio n the priorlly date clalmed		ıt	ments, such of in the art.	combined with one or ma combination being obvious nber of the same patent	us to a person skilled
Date of the ac	tual completion of the Internatio	nal search	T		of the international sea	
17	June 2005			08/07	//2005	
Name and ma	illing address of the ISA European Patent Office, P.B. NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. Fax (431-70) 340-3018		2	Authorized offi		

Form PCT/ISA/210 (second sheet) (January 2004)

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

PCT/EP2004/007988

C.(Contlett	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PC1/EP2004/007988
Category *		Relevant to claim No.
A	SHARMA P K ET AL: "A critical role of pH in the colloidal synthesis and phase transformation of nano size alpha-Al203 with high surface area" JOURNAL OF THE EUROPEAN CERAMIC SOCIETY, ELSEVIER SCIENCE PUBLISHERS, BARKING, ESSEX, GB, vol. 23, no. 5, April 2003 (2003-04), pages 659-666, XP004400353 ISSN: 0955-2219 page 660, right-hand column, last paragraph	1
A .	PH. COLOMBAN: "Structure of oxide gels and glasses by infrared and raman scattering. Part 1 Alumina" JOURNAL OF MATERIALS SCIENCE, vol. 24, 1989, pages 3002-3010, XP002328282 page 3009, right-hand column, paragraph 1	1,8,
Y	WO 96/34829 A (INSTITUT FUER NEUE MATERIALIEN GEMEINNUETZIGE GMBH; BURGARD, DETLEF; N) 7 November 1996 (1996-11-07) page 5, line 4 - page 13, line 27; claims	1-13
Y	WO 95/12547 A (RWE-DEA AKTIENGESELLSCHAFT FUER MINERALOEL UND CHEM; NOWECK, KLAUS; SC) 11 May 1995 (1995-05-11) page 4; claims page 6, last paragraph	1-13
X	DE 198 36 821 A (RWE-DEA AG) 24 February 2000 (2000-02-24) claims	11,12
1	DATABASE WPI Section Ch, Week 198704 Derwent Publications Ltd., London, GB; Class E13, AN 1987-026149 XP002332226 & JP 61 283335 A (ASAHI KAGAKU KOGYO KK) 13 December 1986 (1986-12-13) abstract	1
	DE 24 46 094 A (CONTINENTAL OIL CO.,) 10 July 1975 (1975-07-10) claims	1,8,13
	WO 02/08124 A (INSTITUT FUER NEUE MATERIALIEN GEM. GMBH; DRUMM, ROBERT; GOEBBERT, CHR) 31 January 2002 (2002-01-31) page 4, line 4 - line 13 page 6, line 1 - line 3	1,8,

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

PCT/EP2004/007988

				101/212001/300			
Patent document cited in search report			Publication date		Patent family member(s)	Publication date	
NL	. 273221	Α		NON	E		
WO	9634829	A	07-11-1996	DE DE WO EP JP US	19515820 A1 59608679 D1 9634829 A1 0823885 A1 11504311 T 5935275 A	31-10-1996 14-03-2002 07-11-1996 18-02-1998 20-04-1999 10-08-1999	
WO	9512547	A	11-05-1995	DE AU WO DE EP US	4337643 C1 7690394 A 9512547 A1 59409056 D1 0726877 A1 6030599 A	03-08-1995 23-05-1995 11-05-1995 10-02-2000 21-08-1996 29-02-2000	
DE	19836821	A	24-02-2000	DE WO EP JP US US	19836821 A1 0009445 A2 1025045 A2 2002522343 T 6773690 B1 2005019249 A1 200001778 A	24-02-2000 24-02-2000 09-08-2000 23-07-2002 10-08-2004 27-01-2005 09-01-2001	
JP	61283335	A	13-12-1986	JP JP	1885811 C 6008171 B	22-11-1994 02-02-1994	
DE	2446094	A	10-07-1975	DE JP	2446094 A1 50101290 A	10-07-1975 11-08-1975	
WO	0208124	A	31-01-2002	DE AU WO EP JP US	10035679 A1 8200301 A 0208124 A2 1301434 A2 2004504256 T 2003098529 A1	31-01-2002 05-02-2002 31-01-2002 16-04-2003 12-02-2004 29-05-2003	